A Quotation For

"REDUCING TO PRACTICE CERTAIN DIS-COVERIES RELATING TO THE OPTICAL PHENOMENA OF REAR PROJECTION SCREENS" Submitted to:

THE UNITED STATES GOVERNMENT

# Electronics Research



# CORNING

A DIVISION OF CORNING GLASS WORKS

RALEIGH, NORTH CAROLINA

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CORNING GLASS WORKS

CORNING

RALEIGH, NORTH CAROLINA

ELECTRONIC PRODUCTS DIVISION

3900 ELECTRONICS DRIVE ZIP 27604 TEL: 919 828-0511

January 31, 1968

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STAT

Corning Glass Works wishes to submit the enclosed unsolicited proposal for "REDUCING TO PRACTICE CERTAIN DISCOVERIES RELATING TO THE OPTICAL PHENOMENA OF REAR PROJECTION SCREENS."

The estimated cost is which includes a fixed fee and covers a 14 months' program.

STAT

The proposal relates to the evaluation and application of materials; some of which are the result of Corning's inventions in the composition, processing, and manufacturing of glass. Improvements which may be made thereon in the course of work being performed under the proposed program would be regarded as "Subject Inventions" under which the Government would obtain free and non-exclusive rights for Government enduse in accordance with the provisions of ASPR9-107.5(b)1. It is not our intent to grant to the Government rights under any background inventions or technology, including glass composition and processing.

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* **	We feel confident that the work described wil	7
	result in significant improvements in screen performance	
	the most critical areas. We look forward to continuing	the
	program and trust that you are in accord with our propo-	sed
	approach.	
	If we can be of service or if more information	on is
	required, please contact the writer.	
·	Sincerely,	
	CODMING OF ACC. MORKS	
	CORNING GLASS WORKS	· · · · · ·
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Corning Glass Works 1966 Annual Report for the fiscal year ended January 1, 1967 115th year of operation Administrative Headquarters, Houghton Park Corning, New York 14830

#### **Contents**

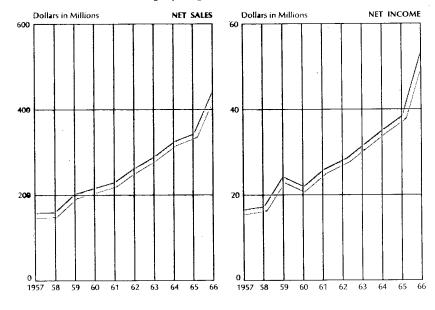
COVER: Two 56-inch diameter glass hemispheres will form transparent hull of research vehicle for ocean bottom exploration.

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# Highlights

For the Year	1966	1965
Consolidated net sales	<b>\$</b> 444,139,133	\$340,471,141
Consolidated net income		38,688,621*
Dividends paid	, ,	17,188,660
Expenditures for plant and		
equipment	73,661,568	31,475,476
Depreciation and amortization		18,232,583
Per Share of Common Stock		
Net income	\$7.90	\$5.64*
Dividends paid		2.50
Equity in undistributed earnings		
of associated and subsidiary		
companies not consolidated	1.38	1.18
Other Data		
Net income to sales	12.2%	11.4%
Net income to total		
stockholders' equity	21.4%	17.6 <b>%</b>
Number of common and pre-		
ferred stockholders of record		
on last dividend date	14,510	14,494
Number of common shares		6.042.602
outstanding at year-end		6,843,602
Number of employes (average)	21,372	18,430

<sup>\*</sup>Exclusive of non-recurring capital gain of \$1,279,499



#### To Our Stockholders

During 1966 Corning Glass Works achieved record growth in sales volume, earnings, physical plant, and employment.

Sales were \$444,139,133, an increase of 30.4 percent above 1965, and nearly double those of five years ago. Earnings of \$54,173,845 were 40.0 percent above the previous year, and were twice those of 1961.

To meet the demands of today's markets and to anticipate those of tomorrow's, substantial sums were spent for new plant and equipment and for increased research and development. Approximately 3,000 new jobs were created as employment exceeded 21,000.

#### **Marketing Growth**

Sales growth came from two directions: greater business in existing markets and further expansion in new fields. Products for color television played an important role in the year's growth. However, without exception every major division increased its volume and contributed to the 1966 level of earnings.

Continued attention to customer needs prompted the development of many improved products. Among the new areas experiencing unusual expansion were those of hydrospace products, integrated circuits, and fiber optics.

As evidence of the impact of research on the company's growth, more than 40 percent of 1966

sales were from products not in full-scale commercial production 10 years ago.

#### **Physical Plant**

This past year Corning embarked on the most extensive facilities expansion program in its 115-year history. Expenditures for plant and equipment in 1966 totaled \$73,661,568, a sum nearly equal to the depreciated value of the company's entire physical properties in 1960.

Construction was either completed or started on nine new manufacturing plants, four of them outside the United States. Fourteen plants were enlarged, including one overseas. The additional manufacturing area increased production facilities 18 percent, and nearly equaled all manufacturing expansion of the five preceding years.

#### Decentralization

The company each year produces many thousands of different products. For effective direction, operating responsibility is decentralized into 16 major divisional groups, and then further into 230 product departments.

Such organization encourages individual initiative and provides the flexibility needed to meet today's fast-changing demands.

To a large measure the success of this decentralized organization depends upon a mixture of youth and experience. The average age of the 23 corporate officers is 51 years. Directly supporting them are 175

managers who, on the average, are 41 years old and have had approximately 13 years of service with the company.

#### Acknowledgment

We report with deep regret the death of two young, outstanding Vice Presidents—LeRoy A. Amylon and Malcolm H. Hunt—and a retired Honorary Vice President, Dr. Jesse T. Littleton. Dr. Littleton was one of the company's first physicists and later served as Director of Research.

Vice Presidents elected during the year were Julian H. Allen, Director of Manpower Development; Edward C. Leibig, Assistant to the President; and Dr. Thomas C. MacAvoy, General Manager of the Electronic Products Division. John E. Sheehan, continuing as President of Corhart Refractories Company, was elected its Chief Executive Officer.

Growth comes only as the result of extraordinary effort on the part of many. We greatly appreciate the continued contribution of all employes who made possible this outstanding year. The results are a tribute to their skill and loyalty in meeting the challenges of the past year.

Amy Haylton f.

CHAIRMAN OF THE BOARD

R. Lee Waterman

PRESIDENT

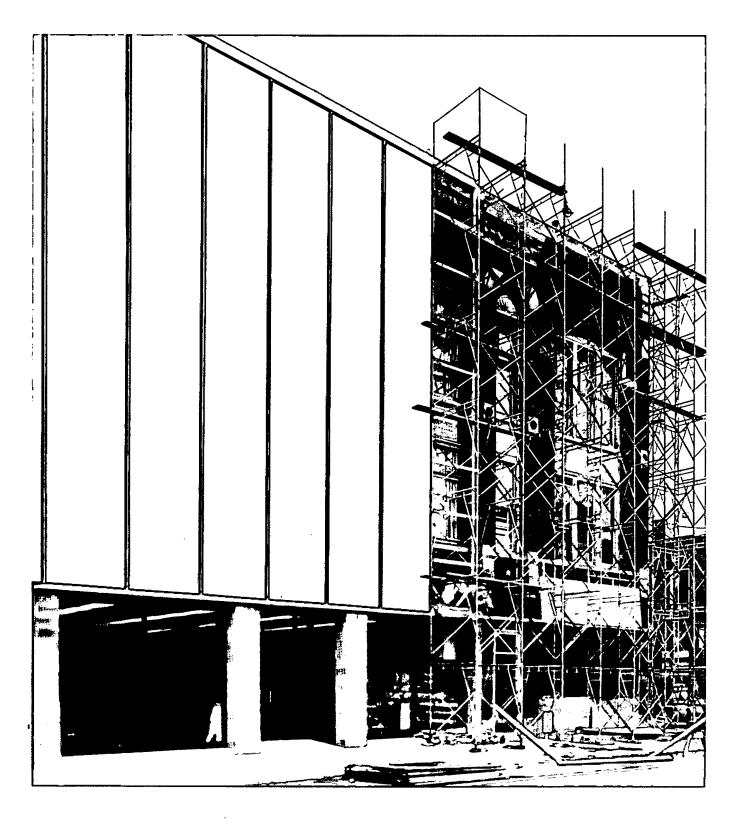
Corning, New York, February 20, 1967

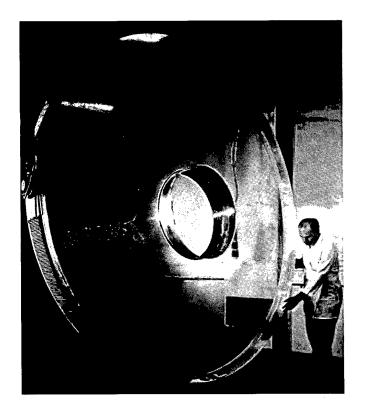


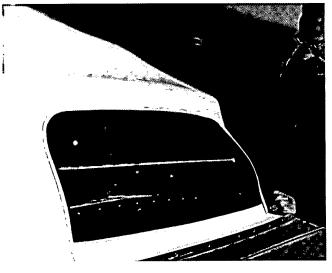
AMORY HOUGHTON, JR.



R. LEE WATERMAN







Glass-ceramic wall cladding (left) offers beauty and strength for the architectural market. A 110-inch diameter fused silica telescope mirror blank (top) is prepared for final polishing in customer's optical shop. Silicone rubber hinge in chemically strengthened glass backlight (bottom) permits space-saving storage in convertible's window well.

#### **Technical Products**

Growth in the industrial and scientific markets accelerated in diverse fields ranging from glass components for business machines to equipment for the paper, chemical, and food industries.

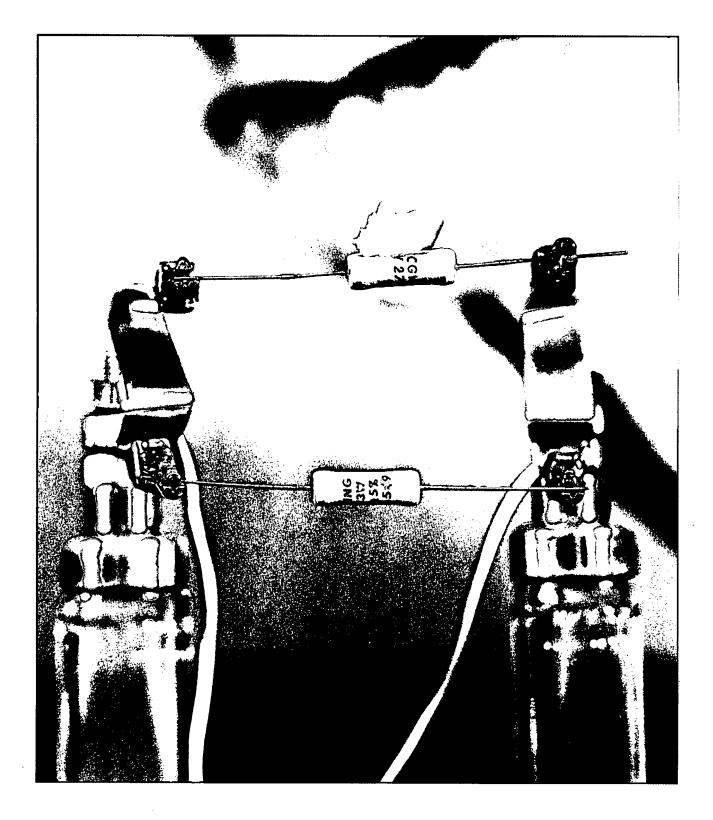
A new operating department was formed to expedite entry into the building products market. Renovation commenced on a purchased facility at Oneonta, N.Y., to fabricate glass-ceramic sheets for exterior wall cladding.

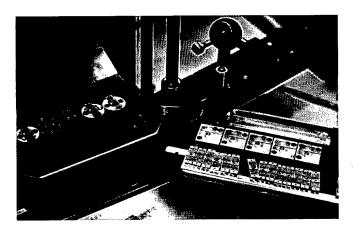
High demand for telescope optics required construction of a plant at Canton, N. Y. Plants at Harrodsburg, Ky., and Danville, Va., began major expansions to handle greater demands for optical and ophthalmic glassware and production of an improved radiation-shielding window, trademarked CLEARSHIELD.

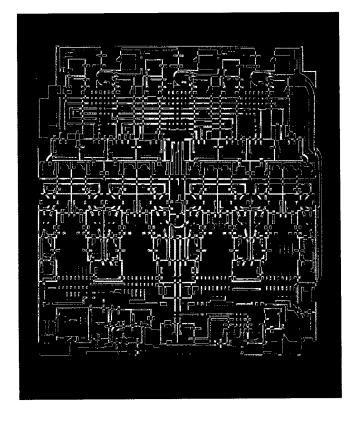
Increasing acceptance of Corning's laboratory instruments, appliances, and glass electrodes made it necessary to double the size of a leased facility at Medfield, Mass.

Corning continued its participation in advance technologies through development of windows for the Apollo lunar module and glass spheres for underseas exploration. Construction will start early in 1967 on a new facility to produce these items.

For the transportation markets, development proceeded on CERCOR heat exchangers for gas turbine engines. Additional capacity is being installed at the Blacksburg, Va., plant to produce chemically strengthened sheet glass.







New flame-proof resistor (left), developed primarily for television receivers, undergoes comparison test with conventional resistor. Signetics integrated circuit, magnified approximately 35 times above, is later encapsulated (top) in Corning-designed glass package.

#### **Electronic Products**

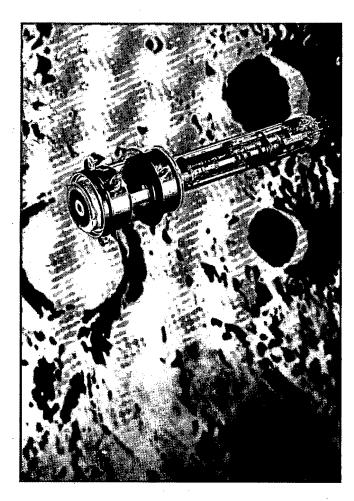
Capitalizing on the unique advantages of glass and glass-ceramic materials for electronic applications, Corning expanded its business in that market.

Microminiature glass-ceramic capacitors were produced in commercial quantities this year. At the same time, demand remained high for standard glass capacitors.

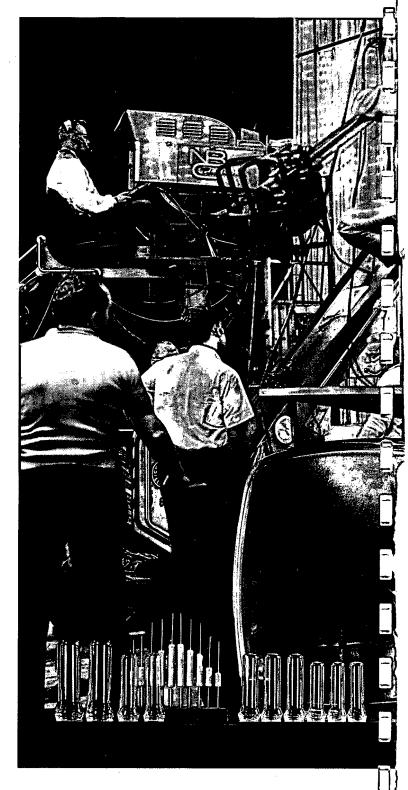
Further penetration of the film resistor market was achieved through the sale of new precision resistors. Due primarily to product quality, these components exceeded the growth rate of the market. Another new type resistor was designed specifically for the television industry. Other CORNING resistors were used in greater numbers in computer circuits. To help meet these demands, a plant was constructed at Wilmington, N.C.

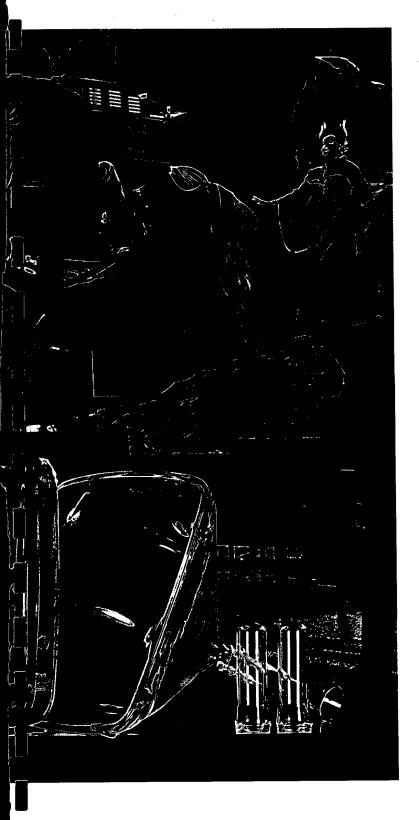
In a field closely related to electronics, CORNING fluidic devices attracted customer interest. These devices have great potential in areas such as the machine-control market which, until now, has relied on electro-mechanical instrumentation.

Substantial growth was achieved in the sale of integrated circuits by Signetics Corporation, a Corning subsidiary which is one of the leaders in that field. Seventy-four percent of this company's sales volume in 1966 came from products not in commercial production two years ago. Signetics is expanding its plant at Sunnyvale, Calif.; established a branch plant at Provo, Utah; and is now constructing a plant at Seoul, Korea.



Corning's fiber optic faceplates are used in the Apollo lunar camera (above). In addition to producing glass bulbs for color television tubes (right), Corning also supplies receiver tube bulbs and resistors for color sets.





#### **Television Products**

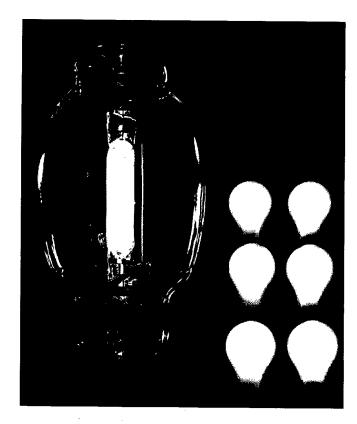
Television sales volume again reached high levels. Color television sales rose rapidly due to the accelerated expansion of the color television industry. Black-and-white bulb sales were good, despite the industry's emphasis on color television set production.

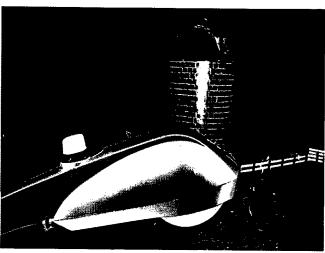
Initial production quantities of 15-inch and 22-inch rectangular bulbs for color television were shipped to tube makers, supplementing the existing line of 19- and 25-inch rectangular color bulbs and the original 21-inch round shape.

Expansions of color television facilities at Albion, Mich., and Bluffton, Ind., were completed on schedule. Another plant designed specifically for the manufacture of color bulb parts is under construction at State College, Pa. It is expected to be in operation during the first half of 1967.

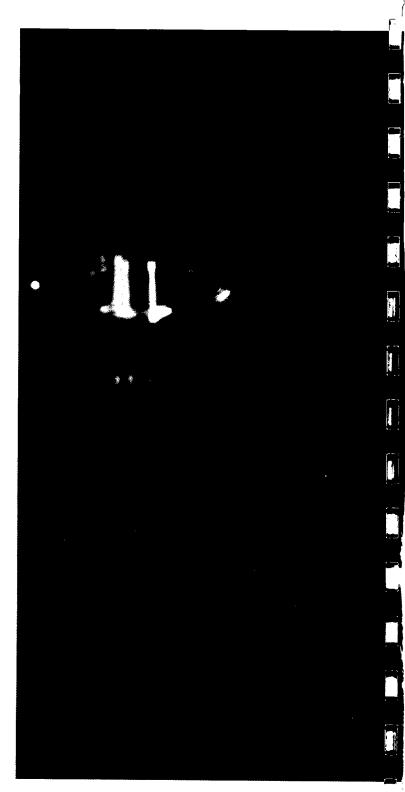
Demand continued at a high rate for reed switch tubing for computers and for electronic switching centers, semiconductor cases and parts, specialized cathode ray tube bulbs, and bulbs for power and receiver tubes.

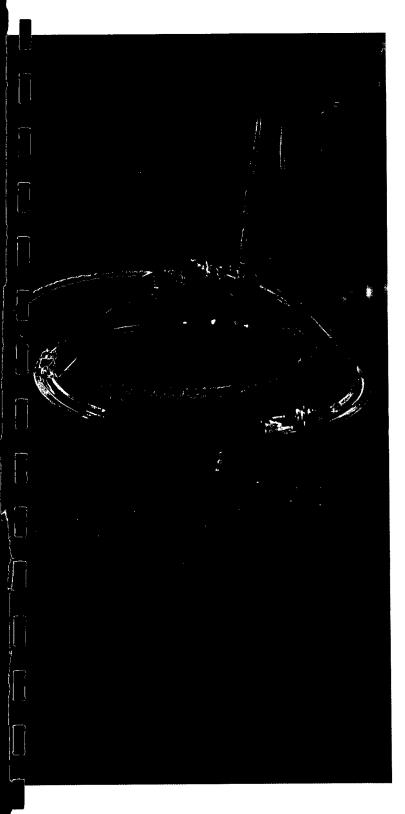
Sales of fiber optic products gained significantly. Applications of this new technology include optical magnifiers and electronic image converters. Flexible fiber optic devices are under development. A new facility will be constructed in 1967 to produce fiber optic products.





Corning produces quartz tubing and glass envelopes for mercury arc lamps (top) which give illumination equivalent to six 100-watt bulbs in "Safeguard" light (below). Sealed beam headlamp reflectors (right) are supplied to automotive industry.





## **Lighting Products**

Corning maintained its position as a major supplier of glass for the lighting industry.

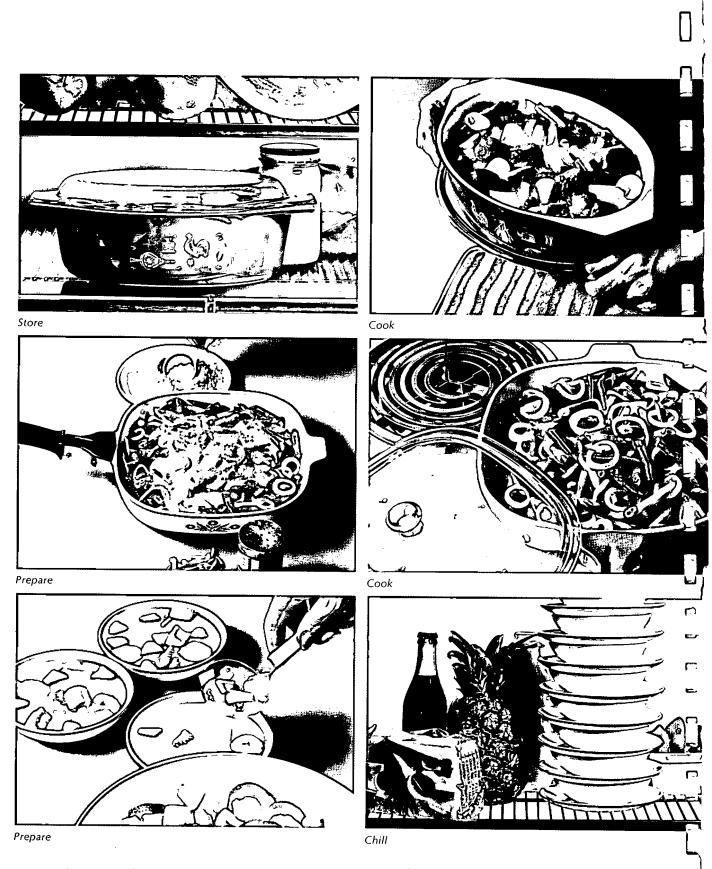
Demand was high for bulbs for incandescent and fluorescent lamps, parts for sealed beam headlamps, tubing and bulbs for photoflash lamps, and specialized lighting ware.

As a result of the growth of these standard product lines, sizeable expansion and modernization programs were undertaken last year in plants at Central Falls, R. I.; Corning, N. Y.; Danville, Ky.; and Wellsboro, Pa.

Plant improvement is carried on as part of a continuing program to provide facilities with the latest available production equipment and techniques. For example, capital expenditures in the company's first branch plant at Wellsboro enabled that plant to celebrate its 50th anniversary last year by registering record levels of operating efficiency.

The lighting products market is one of those served for many years by the company, and development of new products continues to strengthen Corning's role in this important industry.

New products produced in commercial volume last year included amber bulbs for automotive turn signal lamps, bulbs coated with reflective coatings of aluminum and by a newly developed wet silvering process, and solid-color lenses for high-wattage sealed beam lamps.









#### **Consumer Products**

Continued progress was made in the development and sale of products for food-handling—including items designed for the home and for commercial use.

Demand for both PYREX ware and CORNING WARE utensils was substantially ahead of 1965 volume. CORNING WARE products with platinum filigree decorations were designed for use as coordinates with CENTURA tableware. Early in 1967, a 12-piece PYREX brand Hearth Group of mugs, bowls, and bake-and-serve sets was introduced. These products combine the basic shapes, styles, and colors of "Early American" utensils.

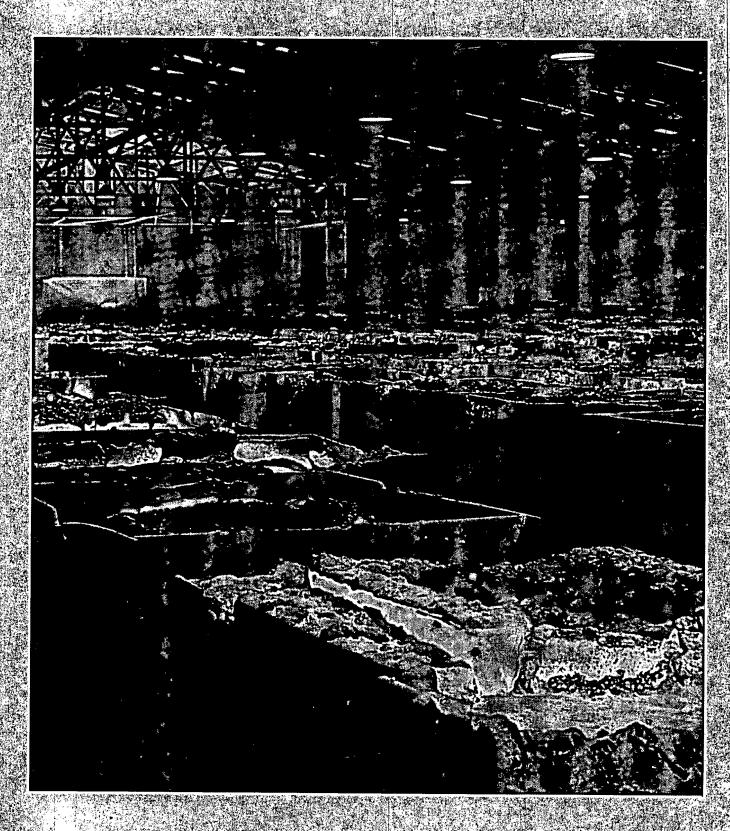
Substantial sales gains were made in the commercial tableware field, both with PYREX brand and PYROCERAM brand products. The physical properties of heat resistance and extraordinary mechanical strength of these products offer significant benefit to restaurants, schools, hospitals, and military installations.

Corning food-serving products are now airborne. Four major airlines have purchased dishes for in-flight serving.

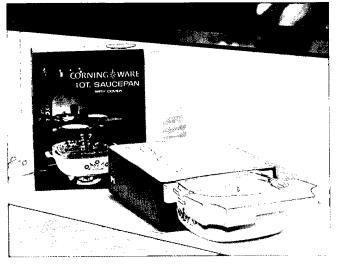
Several new products were introduced in the CENTURA brand tableware line, including color accent pieces in the form of mugs and serving dishes.

The sales forces handling PYREX ware, CORNING WARE products and CENTURA tableware were combined. PYREX ware and CORNING WARE utensils continue to be sold through the company's wholesale distributor network; CENTURA tableware, through franchised retailers.

Corning's products for the home offer the housewife utility, beauty, and versatility.







CORHART steel refractory billets (left) are cured after casting. The Canadian market for Corning products is served from a plant at Leaside, Ontario (top). Corning Packaging Company produces a wide variety of corrugated paper and foamed plastic packaging materials (bottom).

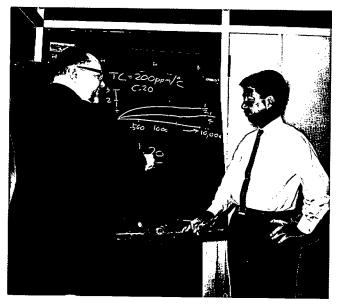
#### Other Markets

Paper and expanded foam polystyrene product demand continued high as the Corning Packaging Company served the retail, industrial, and specialty markets with a wide variety of functional and promotional packages. This division increased its sales penetration of the photographic and consumer electronics markets with foam plastic packaging. The automotive, toy, electronics, and furniture markets are now also served with paper product packaging of new design.

Fused and bonded refractory sales increased to the steel, glass, and copper industries. Corhart Refractories Company, Inc., a Corning Glass Works subsidiary, continued both to expand its service to the steel industry and to broaden its sales outside the traditional glass and steel markets. In a long-range program to stimulate growth, substantial capital expenditures were made to improve and expand the company's manufacturing capabilities.

In addition to recording sales increases, Corning Glass Works of Canada Ltd., another subsidiary, made two significant moves. The company enlarged its marketing organization to sell industrial, laboratory, and refractory products, as well as consumer, electronic and television glassware. The company also began construction of a plant at Muskoka, Ontario, to manufacture television parts for Canadian tube makers.





Corning, Nederlandse Fabrieken, N.V., serves the European market with glass-ceramic cookingware trademarked PYROFLAM (top). Corning International Services, S.A., provides technical advice to customers world-wide (bottom). Television bulb is checked for quality at the plant of Vidros Corning Brasil, S.A., at Suzano (right).





#### International

The company's international activities were expanded during 1966, both in additional overseas manufacturing and in provision for more aggressive marketing. Investments in subsidiary and associated companies abroad continued to grow. Dividends from associated companies located overseas also increased.

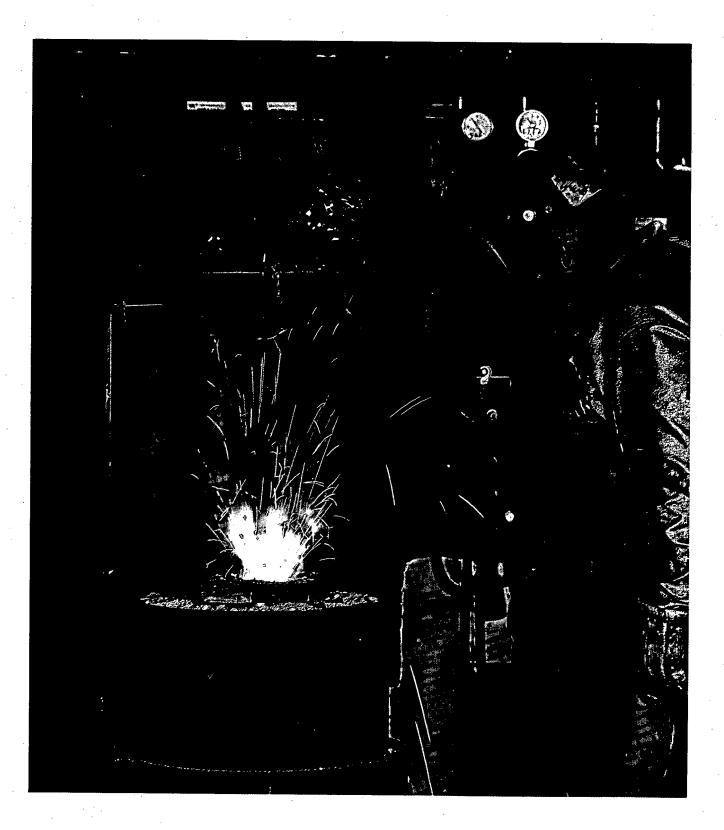
The overseas sales force of Corning Glass International, S.A., was expanded substantially. Its office at Brussels was enlarged to serve as European sales headquarters. New sales service offices were opened at Hong Kong, Mexico City, and Milan.

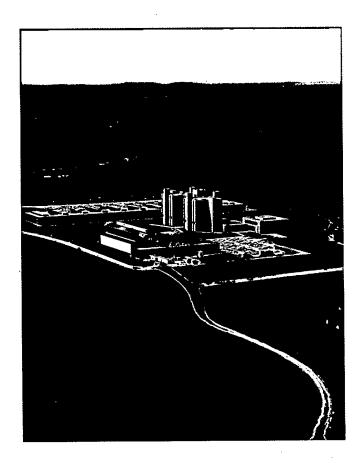
Corning, Nederlandse Fabrieken, N. V., a subsidiary, is currently expanding its facilities at Groningen, The Netherlands, to increase production of glass-ceramic cookingware.

Two subsidiaries completed new plants to manufacture television parts for Latin America: Productos Corning de Mexico, S. A. de C. V., at Monterrey, and Vidros Corning Brasil, S. A., at Suzano.

Iwaki Glass Company, Ltd., an associate in Japan, completed its new plant and began producing automotive sealed beam headlamp parts. Cristalerias Rigolleau, S. A., of Argentina, began enlarging its manufacturing facilities.

Corning International Corporation, a subsidiary, was formed to facilitate borrowing from overseas sources for foreign expansion.





Fundamental research studies include investigation of new refractory materials (left). New research laboratories at Sullivan Park (above) were formally dedicated in May.

# **Research and Development**

Corning has had a long-standing conviction that corporate growth can best be stimulated by the invention of unique new materials and the development of new processes. In support of this philosophy, the company further increased its emphasis on research in 1966.

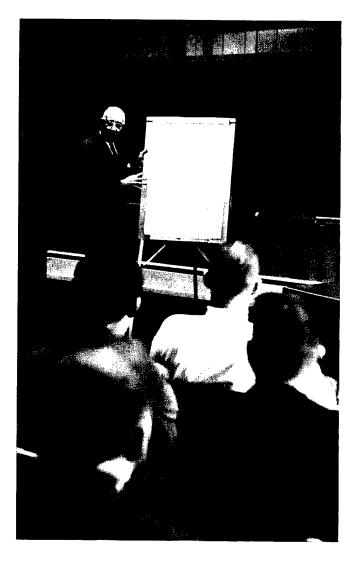
More than 20 percent of this effort was directed to fundamental research. Projects ranged from glass composition studies and exploration of new refractory materials to the investigation of basic materials phenomena.

Applied research results last year included the development of new glass electrodes for scientific instruments, infrared transmitting glasses, glass-ceramic architectural cladding materials, and glass spheres for underwater exploration.

One measure of the high performance of the research program was a five-fold increase in the number of patents granted in 1966 compared to 1961.

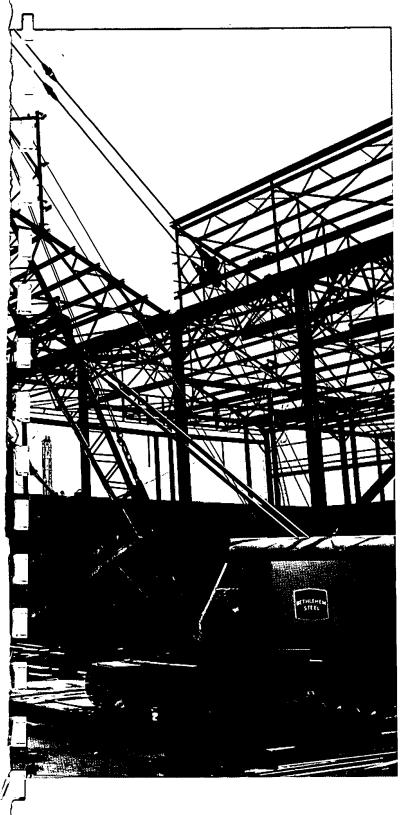
Even as the new laboratories at Sullivan Park were being formally dedicated in May, construction was under way on an 8,000-square-foot addition to the development building.

A new Technical Information Center at Sullivan Park serves the research and engineering groups. It includes a sizeable library and subscribes to approximately 600 technical and semi-technical periodicals published throughout the world. A computer is used to classify, store, and retrieve this growing body of information.



Company officers discuss current operations with supervisory personnel at monthly meetings (above). Steel work at State College, Pa., plant (right) is representative of major physical expansion program started in 1966.





## **Employe Benefits**

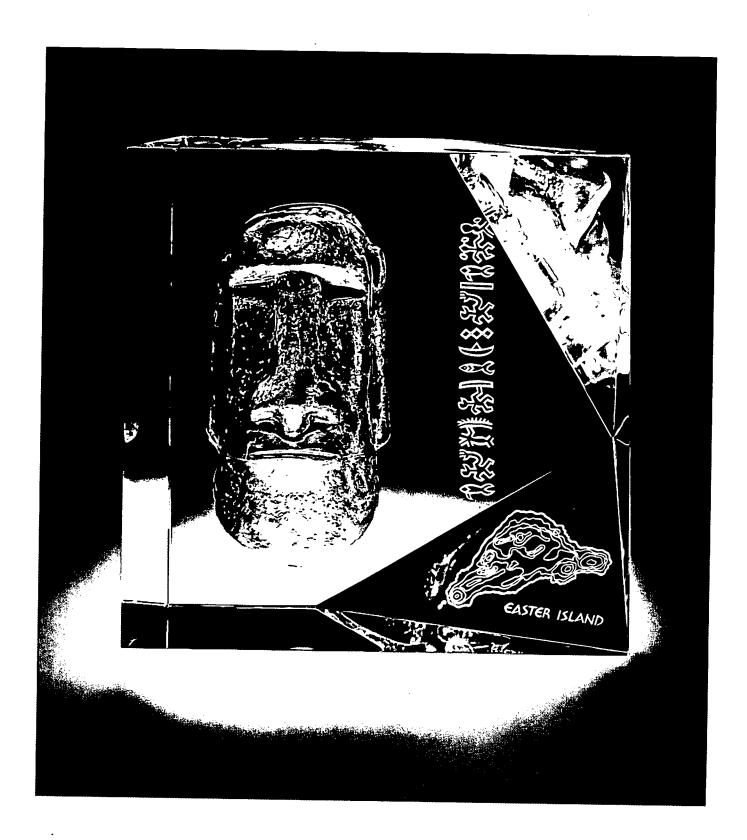
Two major new benefits were made available to employes last year. A unique educational scholarship plan provides grants during preparatory school and college, up to \$10,400 per child, to help educate the children of eligible employes who die before age 65.

An investment plan for monthly salaried employes was adopted which permits an eligible employe to invest up to 5 percent of his annual earnings in trust funds. The company proposes to match 50 percent of these savings in Corning Glass Works common stock purchased on the open market by the plan's Trustee. Should company contributions in any year exceed 5 percent of the common stock dividends paid that year, the matching rate would be reduced correspondingly the following year. Stockholder ratification is being requested.

# **Physical Facilities**

During 1966 more than 1.6 million square feet of new manufacturing space was completed, or its construction started. Five plants with a total of 430,000 square feet went into production; four others with 612,000 square feet were being built. Additions totaling 478,000 square feet were completed at 10 plants, and 142,000 square feet were being added at four other plants.

Fifty-one manufacturing plants were in operation or under construction at year-end, almost double the number operating in 1959. The planning and execution of the physical expansion program has been assigned to the newly created Facilities Division.



	Steuben Glass
	Steuben diass
	Steuben Glass continued to advance the art of
	glassmaking in 1966 through the introduction of
	new designs in several major categories.
	Engraved emotal forms neutroning 12 of the month
•	Engraved crystal forms portraying 12 of the world romantic islands were introduced at an exhibition
	in New York last spring. "Islands in Crystal" then
	toured other cities. The exhibit was returned to Ne
	York for further showing in November.
	A group of advanced designs in crystal—some free
	form and others geometric—were introduced in a
	autumn exhibition, "Studies in Crystal 1967."
	New examples of ornamental crystal objects enrich
	by decoration of gold were increasingly sought by
	collectors.
	Tura make a management of an array of a second and array of a second array of
	Two major new pieces combined engraved crysta and precious metals. Rivaling the craftsmanship
	of the Renaissance, these promise to take a leadi
	place among outstanding examples of decorative
	objects.
	•





Almost nine million visitors have watched the lampworker (top) in the Corning Glass Center and toured The Corning Museum of Glass since the Center was opened in 1951.

# **Corning Glass Center**

For 15 years the Corning Glass Center has portrayed the history, art, and science of glassmaking. Almost nine million persons from the United States and many foreign countries have visited the Center since its opening in 1951, including approximately 725,000 during the year 1966.

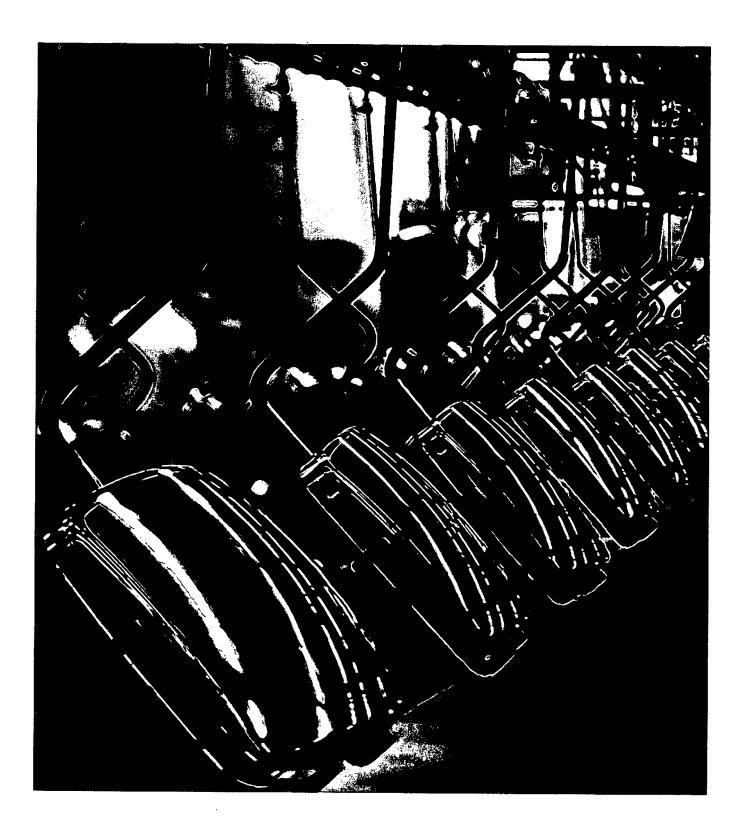
During these 15 years, attendance has totaled two million at the cultural and educational programs presented by the Glass Center primarily for employes and community residents. These activities attracted 175,000 persons in 1966 and included professional theater, symphonies, ballet, lectures, and films.

# The Corning Museum of Glass

A number of outstanding additions were made in 1966 to the collections of The Corning Museum of Glass, a nonprofit educational institution chartered by the Board of Regents of the State of New York. Among these is one of the largest recorded cut glass lamps of the Sasanian period, probably made between the 3rd and 6th century A.D.; a 17th century German enameled Stangen glass, the gift of Edwin J. Beinicke; and an opaque white sepia enameled plate which was acquired by Horace Walpole when he visited Venice in 1741.

An important collection of 18th and 19th century European enameled and overlayed glasses, collected by Mrs. Fritzi Mahler and the late Josef Mahler, was exhibited during the summer.

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	Representative Products Corning Glass Works
	and Consolidated Subsidiaries
	For Art  STEUBEN® vases, bowls  STEUBEN® table crystal and accessories  STEUBEN® ornamental pieces  STEUBEN® engraved exhibition pieces
	For Communications
	Bulbs for cathode ray tubes Bulbs for storage, power, receiver tubes Bulbs for black/white, color television tubes Fiber optic faceplates, magnifiers
	PYROCERAM® cements  Reed switch tubing
	For Construction
	Glass-ceramic wall materials Commercial lighting panels, lenses Chemically strengthened sheet glass Glass-ceramic laboratory bench tops
	PYREX® drainline BURY-PAC™ casing system
7	For Defense  Missile radomes
	Antenna shields Bulbs for radar tubes Infrared transmitting domes Ultrasonic delay lines
	For Electronics
	Substrate materials Semiconductor encapsulating glasses Resistors, capacitors Integrated circuits
	Thin film microcircuits Glass memories



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For Food Service	For Packaging
CORNING® Hot Beverage Center CORNING® Food Service Center PYREX® and PYROCERAM® tableware	Corrugated paper containers Foam plastic packaging materials Retail and gift packages
Coffee urn liners CORNING® DOUBLE-TOUGH™ tumblers	Display materials Industrial packages
PYREX® and PYROCERAM® entrée dishes	Printing plates for flexography
For the Home CORNING WARE® products	For Process Industry  PYREX® and CORGARD <sup>TM</sup> process piping
PYREX® utensils CENTURA® tableware	GlassPlant processing units PYREX® heat exchangers
Christmas ornaments Vacuum bottle parts	Bubble caps, fritted filters Fractionating columns
Glassware for appliances	For Refractory Uses
For Lighting	Glass furnace linings
Incandescent, fluorescent, photoflash lamp parts	Steel open-hearth roofs
High-temperature lamp parts	Electric steel furnace linings
Signlight tubing Globes, lenses, chimneys, shades Street light refractors	Basic oxygen furnace linings Copper furnace refractories
Reflectorized bulbs	For Science
	PYREX®, VYCOR®, and COREX® laboratory ware
For Manufacturing  Meter windows, sight and gauge glasses	Laboratory instruments, appliances CLEARSHIELD™ radiation-shielding windows
Fluidic control devices	Hydrospace components, vehicles
Thermocouple tubing, welding nozzles Textile specialties CERCOR® infrared space heaters	Spacecraft viewports Telescope mirror blanks, optical lens blanks
Industrial heaters, heat shields	For Transportation
	Aircraft windshields
For Medicine	Rear windows for convertible automobiles
Ophthalmic lens blanks	Windows for mass transit vehicles
BESTLITE <sup>™</sup> photochromic lens blanks Thermometer, syringe tubing	CERCOR® gas turbine regenerators Sealed beam headlamp parts
pH meters and glass electrodes  PYREX® and COREX® pharmaceutical ware	Amber turn signal bulbs, miniature bulbs
Microscope slide and cover glasses	

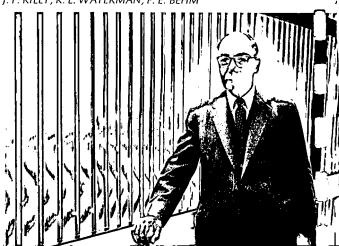


W. H. ARMISTEAD, AMORY HOUGHTON, JR., F. H. KNIGHT



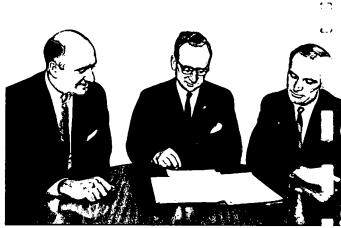


A. W. DAWSON, J. E. SHEEHAN, R. W. FOSTER





T. S. WOOD, JR., J. H. BIERER



J. J. TOMASSI, THOMAS WAALAND, T. C. MAC AVOY

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A. HOUGHTON, JR., R. D. MURPHY



DAKES AMES, F. P. HUNT, A. W. WEBER



LLARK, J. H. ALLEN, E. C. LEIBIG

### **Officers**

AMORY HOUGHTON, JR., Chairman of the Board

R. LEE WATERMAN, President

JULIAN H. ALLEN, Vice President Director of Manpower Development

OAKES AMES, Vice President General Manager, Television Products Division

WILLIAM H. ARMISTEAD, Vice President Director of Technical Staffs

JAMES H. BIERER, Vice President General Manager, Consumer Products Division

PAUL T. CLARK, Vice President General Manager, Lighting Products Division

ALLEN W. DAWSON, Vice President General Manager, Technical Products Division

ROBERT W. FOSTER, Controller

F. PHILIP HUNT, Vice President Director of Industrial Relations

FREDERICK H. KNIGHT, Secretary Corporate Counsel

EDWARD C. LEIBIG, Vice President Assistant to the President

THOMAS C. MAC AVOY, Vice President General Manager, Electronic Products Division

THOMAS WAALAND, Treasurer

ARTHUR W. WEBER, Vice President Director of Facilities

THOMAS S. WOOD, JR., Vice President Director of Purchases

WILLIAM H. DANA, Assistant Secretary

C. H. KRUIDENIER, Assistant Treasurer

HENRY H. SAYLES, Assistant Secretary

ARTHUR A. HOUGHTON, JR., President Steuben Glass

ROBERT D. MURPHY, Chairman FORREST E. BEHM, President Corning Glass International

JOSEPH J. TOMASSI, President Corning Packaging Company

### **Directors**

AMORY HOUGHTON, JR.,\* Chairman of the Board Corning Glass Works

R. LEE WATERMAN,\* President Corning Glass Works

WILLIAM H. ARMISTEAD,\* Vice President Corning Glass Works

PAUL T. CLARK,\* Vice President Corning Glass Works

JOHN B. COBURN

Episcopal Theological School, Cambridge, Mass.

WILLIAM C. DECKER, Honorary Vice Chairman of the Board Corning Glass Works

ROSWELL L. GILPATRIC Cravath, Swaine & Moore, New York, N.Y.

AMORY HOUGHTON,\* Honorary Chairman of the Board Corning Glass Works

ARTHUR A. HOUGHTON, JR., President Steuben Glass

JOHN R. KIMBERLY Kimberly-Clark Corporation, Neenah, Wis.

CHARLES D. LA FOLLETTE, Honorary Vice President Corning Glass Works

GEORGE D. MACBETH, Honorary Vice President Corning Glass Works

GEORGE MURNANE Lazard Frères & Co., New York, N.Y.

ROBERT D. MURPHY, Chairman Corning Glass International

HOWARD C. SHEPERD Retired Chairman of First National City Bank, New York, N.Y.

\*Member of the Executive Committee

## **Honorary Officers**

AMORY HOUGHTON, Honorary Chairman of the Board WILLIAM C. DECKER, Honorary Vice Chairman of the Board HARRY M. HOSIER, Honorary Vice President CHARLES D. LA FOLLETTE, Honorary Vice President GEORGE D. MACBETH, Honorary Vice President

## **Transfer Agent**

First National City Bank 55 Wall Street, New York, N.Y. 10015

## Registrar

United States Trust Company of New York 45 Wall Street, New York, N.Y. 10005

The following trademarks of Corning Glass Works and its subsidiaries appear in this report: BESTLITETM, BURY-PACTM, CENTURA®, CERCOR®, CLEARSHIELDTM, COREX®, CORGARDTM, CORHART®, CORNING®, CORNING WARE®, DOUBLE-TOUGHTM, PYREX®, PYROCERAM®, PYROFLAM, STEUBEN®, VYCOR®.

Neither this report nor any statement contained herein is furnished in connection with any offering of securities or for the purpose of promoting or influencing the sale or purchase of securities.



#### **Plants**

## **Corning Glass Works** and Consolidated Subsidiaries

Albion, Mich. Big Flats, N.Y. Blacksburg, Va. Bluffton, Ind. Bradford, Pa. Resistor Plant McKean Plant Buckhannon, W. Va. Canton, N.Y. Central Falls, R.I. Charleroi, Pa. Corning, N.Y. Chestnut Street Corning Packaging Equipment Plant Fall Brook Plant Fluidics Plant Main Plant Multiform Plant Parkway Facility Pressware Plant Refractories Plant Steuben Factory Danville, Ky. Danville, Va. Frederick, Md. Greencastle, Pa. Greenville, Ohio Harrodsburg, Ky.

Horseheads, N.Y.
Louisville, Ky.
East Plant
West Plant
Marshall, Mich.
Martinsburg, W. Va.
Medfield, Mass.
Muskogee, Okla.
Newton, N.J.
Paden City, W. Va.
Parkersburg, W. Va.
Provo, Utah
Raleigh, N.C.
Sunnyvale, Calif.
Wellsboro, Pa.
Wilmington, N.C.

Groningen, The Netherlands Leaside, Ontario, Canada Monterrey, Mexico Suzano, Brazil Sydney, NSW, Australia

#### **Under Construction**

Muskoka, Ontario, Canada Oneonta, N.Y. Seoul, Korea State College, Pa.

## **Sales and Service Offices**

# Corning Glass Works and Consolidated Subsidiaries

Atlanta, Ga.
Bradford, Pa.
Brussels, Belgium
Chicago, Ill.
Cleveland, Ohio
Coral Gables, Fla.
Corning, N.Y.
Dallas, Texas
Hong Kong, B.C.C.
Houston, Texas
Leaside, Ontario, Canada
Louisville, Ky.

Mexico City, Mexico Milan, Italy Monterrey, Mexico New York, N.Y. Orange, Calif. Raleigh, N.C. Sunnyvale, Calif. Suzano, Brazil Sydney, NSW, Australia Towson, Md. Washington, D.C. Zurich, Switzerland

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<b>Corning Glass Works</b>		
Consolidated Subsidiaries	Associated Companies	
CORHART REFRACTORIES CO., INC., Louisville, Ky.	DOW CORNING CORP., Midland, Mich.	
AMORY HOUGHTON, JR., Chairman JOHN E. SHEEHAN, President	Silicones for medical purposes, polishes, water repellants, release agents, lubricants, sealants, defoamers, elastomers, electrical insulation; silicon crystals for semiconductor devices.	
CORNING GLASS INTERNATIONAL, S.A., New York, N.Y.		
ROBERT D. MURPHY, Chairman	OWENS-CORNING FIBERGLAS CORP., Toledo, Ohio	
FORREST E. BEHM, President	Fibrous glass materials and products for thermal and noise insulation, roofing, air filters, screening, electrical insulation, fabrics, lighting panels, reinforced plastic products.	
CORNING GLASS WORKS OF CANADA Ltd., Leaside, Ontario, Canada		
R. LEE WATERMAN, Chairman	PITTSBURGH CORNING CORP., Pittsburgh, Pa.	
ALLEN W. DAWSON, President	Glass blocks, Foamglas insulation, Geocoustic acoustic absorbers, Foamthane insulation, Unibestos high-temperature insulation, intaglio glass wall units, Foamglas-Board roof insulation.	
CORNING INTERNATIONAL CORPORATION, Corning, N.Y.	, just a sale reer insulation.	
ROBERT D. MURPHY, Chairman	BOROSIL GLASS WORKS LIMITED, Bombay, India	
FORREST E. BEHM, President	CRISTALERIAS RIGOLLEAU, S.A., Buenos Aires, Argentina	
SIGNETICS CORPORATION, Sunnyvale, Calif. WILLIAM C. DECKER, Chairman	CIA. VIDRARIA SANTA MARINA, S.A., Sao Paulo, Brazil	
JAMES F. RILEY, President	CRISTALERIAS DE CHILE, S.A., Santiago, Chile	
SIGNETICS KOREA CO., LTD., Seoul, Korea  JAMES E. STOKES, President	L'ELECTRO REFRACTAIRE, S.A., Paris, France	
CORNING, NEDERLANDSE FABRIEKEN, N.V.,	ELECTROSIL, LTD., Sunderland, England	
Groningen, The Netherlands	IWAKI GLASS COMPANY, LTD., Tokyo, Japan	
JAMES R. HOUGHTON, Chairman JOSEPH A. CELASCHI, Managing Director	JAMES A. JOBLING & CO., LTD., Sunderland, England	
VIDROS CORNING BRASIL, S.A., Sao Paulo, Brazil	SOVCOR ELECTRONIQUE, S.A., Paris, France	
JORGE AMERICANO, President	SOVIREL, S.A., Paris, France	

PRODUCTOS CORNING de MEXICO, S.A. de C.V.,
Monterrey, Mexico
CYRIL T. PAQUETTE, Chairman
DUANE E. WELCH, General Manager

**CORNING MEXICANA, S.A. de C.V., Mexico City, Mexico** ANTONIO CORREA, President

Declassified in Part - Sanitized Copy Approved for Release 2012/09/06: CIA-RDP79B00873A001900010118-4 **Financial Summary** 

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# **Corning Glass Works** and Subsidiaries

Net sales of Corning Glass Works reached a high of \$444,139,133 in 1966, an increase of 30.4 percent above \$340,471,141 in 1965.

Additional income in the form of dividends from associated companies, royalties from licensees, and interest income totaled \$15,403,781 in 1966, a gain of 23.3 percent from \$12,488,946 in 1965.

Net earnings increased for the sixth consecutive year to \$54,173,845. This compares with \$38,688,621 in 1965, an increase of 40.0 percent.

After payment of preferred dividends, earnings per share of common stock were \$7.90, compared to \$5.64 the previous year. Dividend payments on common stock were increased to \$3.25 per share from the \$2.50 per share paid during each of the three preceding years. A new quarterly dividend rate was established at \$.625 per common share after having been at \$.50 per share since March, 1964. The company has paid dividends continuously since 1881.

At year-end, working capital amounted to \$121,875,828, compared to \$83,889,067 at the end of 1965. Cash, certificates of deposit, and government obligations were \$84,851,514 compared to \$43,000,354 at year-end 1965.

The financial statements of the subsidiaries Productos Corning de Mexico, S. A. de C. V., and Vidros Corning Brasil, S. A., previously carried as investments, have been consolidated following commencement of manufacturing operations. Other consolidated subsidiaries are listed on Page 32.

The company obtained a short-term loan of \$50,000,000 early in 1966. The loan was converted in January, 1967, into a serial loan payable over the next five years. Funds were also borrowed abroad as necessary to help finance the expansion of foreign subsidiaries and associates.

## **Domestic Associates**

Corning owns a half interest in Dow Corning Corporation and in Pittsburgh Corning Corporation, and a 30.51 percent interest in Owens-Corning Fiberglas Corporation. The financial accounts of these three companies are not consolidated with those of Corning Glass Works.

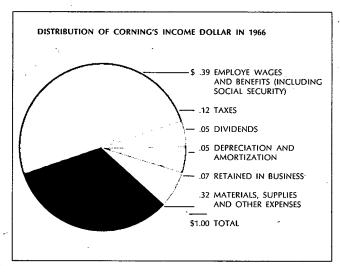
Corning's share of the combined net earnings of the three associates amounted to \$15,433,214 in 1966, a gain of 16.4 percent over \$13,257,741 in 1965. Dividends received from the three companies were \$7,261,070 last year, an increase of 3.6 percent over \$7,005,634 in 1965.

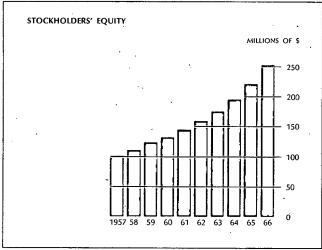
At the end of 1966, Corning's equity in the net assets of these three associates was \$83,260,511 in excess of its investment. The investment in Owens-Corning, valued at the quoted market price of its stock on December 30, 1966, was approximately \$133,723,000 more than the amount at which Corning carries the investment on its books.

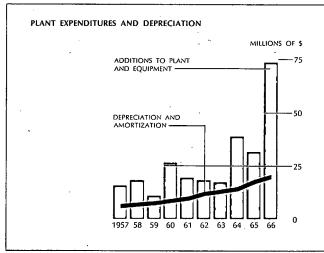
## **Foreign Associates**

Corning owns, directly and indirectly, a major interest in two companies which manufacture electronic components in England and France. The company also has substantial interests in glass manufacturing companies in Argentina, Brazil, Chile, England, France, India, and Japan, and in a refractories manufacturing company in France. These associates are listed on Page 32 of this report.

The company's share of the combined earnings of these foreign corporations amounted to \$2,625,932 in 1966, compared with \$2,825,937 in 1965. Dividends received from these companies reached a high of \$1,319,553, compared to \$988,000 in 1965, an increase of 33.6 percent.







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	CORNING GLASS WORKS and Consolidated Subsidiary Companies		
	Consolidated Statement of Income and Retained Earnings		
· [7]			
( 	INCOME Year Ended	January 1	January 2
<b>F</b>		1967	1966
	Sales, less discounts, returns and allowances  Dividends from Associated Companies	\$444,139,133 8,580,623	\$340,471,141 7,993,634
_	Interest and Other Income	6,823,158	4,495,312
		459,542,914	352,960,087
<del>(</del>	Costs and Expenses (Note 2):	-	· ·
	Cost of sales	291,669,419	237,048,270
	Selling, general and administrative expenses	60,171,531	45,611,651
	Interest, state taxes on income and other charges  U. S. and foreign taxes on income	6,333,119 47,195,000	2,622,545 28,989,000
<b>=</b>	U. 3. and foreign taxes on income	405,369,069	314,271,466
	Net Income	54,173,845	38,688,621
<b>.</b> 1	Special credit (Note 2)	34,173,043	1,279,499
	Net income and special credit	54,173,845	39,968,120
. <del></del>	RETAINED EARNINGS		
· · · · · · · · · · · · · · · · · · ·	EMPLOYED IN THE BUSINESS		
	Balance at beginning of year	167,163,640	144,384,180
	Cash dividends:		
<b>3</b>	On preferred stock—\$3.50 per share	(65,755)	(103,680)
	On common stock—\$3.25 per share, 1966;	(22.262.502)	(17.004.000)
<b>3</b>	\$2.50 per share, 1965	(22,263,503)	(17,084,980)
	Balance at end of year	\$199,008,227	\$167,163,640
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	CORNING GLASS WORKS and Consolidated Subsidiary Companies			E-3
	Consolidated Balance Sheet			i
	ACCETC		,	C
	ASSETS			
	Current Assets:	January 1	January 2	
		1967	1966	
	Cash and certificates of deposit  U. S. and Canadian Government obligations at cost	\$ 24,693,487	\$ 14,628,614	
	which approximates market value	60,158,027	28,371,740	_
	Receivables	53,042,151	39,543,279	
	Less—Provision for doubtful accounts and allowances	(2,888,456)	(2,213,149)	<u> </u>
	Inventories (Note 3)	56,493,466	47,841,705	<b>–</b>
	Prepaid expenses	1,288,430	1,075,851	_
•	Total current assets	192,787,105	129,248,040	
		-		` c:
	Investments:			1
	Domestic associated companies (Note 4)	4,579,623	4,579,623	=
	Foreign associated and subsidiary companies			C
	not consolidated (Note 4)	9,880,742	15,150,659	_
	Miscendieous	212,067	212,068	
	Nove and r	14,672,432	19,942,350	נ
,	Plant and Equipment, at cost:			-
	Land	6,148,654	4,922,926	_
	Buildings and equipment  Less—Accumulated depreciation and amortization	316,341,923	249,082,071	-
	Less—Accumulated depreciation and amortization	(141,662,196)	(126,976,997)	-
•		180,828,381	127,028,000	ſ
	Other Assets and Deferred Charges	F 776 427	E 250 274	:
	Other Assets and Defened Charges	5,776,437	5,250,376	_
		\$394,064,355 	\$281,468,766 ————	Ţ
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	LIABILITIES AND STOCKHOLDERS' EQUITY		
P	LIABILITIES AND STOCKHOLDERS EQUIT	January 1	January 2
<u>.</u>	Current Liabilities:	1967	1966
	Payables	\$ 21,639,777	\$ 12,555,613
	Accrued U. S. and foreign income taxes	28,700,935	19,931,596
<b>6</b>	Other accrued liabilities	20,570,565	12,871,764
<b>L</b>	Total current liabilities	70,911,277	45,358,973
	v - *		,
	Provision for Furnace Repairs	5,358,292	5,603,303
	Loans Payable Beyond Current Year (Note 5)	61,258,037	8,100,000
	Deferred Investment Credit	3,860,384	2,402,485
<b>,                                    </b>	Preferred Stock—31/2 %, redeemable, par value \$100 each:		
	Authorized—64,000 shares, 1966; 66,000 shares, 1965	-	٠ , ١
P	Issued (less in Treasury)—17,069 shares, 1966; 24,420	,	
<u> </u>	shares, 1965 (Note 6)	1,706,900	2,442,000
	Common Stockholders' Equity:		
<del>.</del>	Common Stock (Note 7):		
	Authorized—7,500,000 shares of a par value of \$5 each		
יייט איייט איי	Issued-6,852,043 shares, 1966; 6,843,602 shares, 1965	·	`
•	(including excess over par value)	51,961,238	50,398,365
	Retained earnings employed in the business	199,008,227	167,163,640
<del>-</del>	Common stockholders' equity	250,969,465	217,562,005
	* * *	\$394,064,355	\$281,468,766
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## **Notes to Consolidated Financial Statements**

#### 1. Principles of consolidation:

The consolidated financial statements include all significant subsidiaries in which the company has an ownership substantially in excess of a majority of the common shares outstanding. The accounts of foreign subsidiaries included in the consolidated statements are expressed in U. S. dollars at year-end rates of exchange, except for fixed assets and related depreciation which are stated at rates on dates of acquisition, and for income and expenses (other than depreciation) which are expressed at rates prevailing during the year. Data pertaining to associated and subsidiary companies which are not consolidated is reported in Note 4 below.

#### 2. Costs and expenses:

Depreciation and amortization amounted to \$21,209,317 in 1966 and \$18,232,583 in 1965. The company uses accelerated depreciation methods for both tax and financial statement purposes.

The company and its subsidiaries have several pension plans covering substantially all of their employes, including certain employes in foreign countries. The total pension expense for 1966 was \$6,990,506 which includes a reduction of \$1,613,000 in the liability for past service. The unfunded portion of past service costs amounted to approximately \$37,762,000 at fiscal 1966 year-end which included amounts resulting from increases in pension benefits that became effective on January 1, 1967. The market value of the assets in the pension fund approximated the actuarially computed liability for vested benefits at January 1, 1967.

In 1965 the pension charge was \$4,539,117 which included \$1,301,991, the market value of 22,021 shares of Owens-Corning Fiberglas Corporation capital stock contributed to the employes' pension fund. The stock contribution in 1965 resulted in a profit of \$1,279,499 which was shown as a special credit in the income statement.

#### 3. Inventories:

Inventories are valued at the lower of cost (current standard or actual cost) or market. At January 1, 1967 they consisted of: finished goods-\$21,972,018; work in process-\$17,205,865; raw materials and accessories-\$11,606,917; and supplies and packing materials-\$5,708,666.

#### 4. Investments in associated and subsidiary companies not consolidated:

	Investment	Equity in net assets	Equity in earnings for the year	Dividends received	Equity in undistributed income
Domestic associated companies: Pittsburgh Corning Corp. and Dow Corning Corp. (50% owned)	\$ 2,244,563	\$ 32,239,255	\$ 8,743,034	\$4,3 <i>7</i> 5,000	\$4,368,034
Owens-Corning Fiberglas Corporation (30.51% owned)	2,335,060	55,600,879	6,690,180	2,886,070	3,804,110
Total	4,579,623	87,840,134	15,433,214	7,261,070	8,172,144
Foreign associated and subsidiary companies not	-			-	
consolidated	9,880,742	27,430,945	2,625,932	1,319,553	1,306,379
	\$14,460,365	\$115,271,079	\$18,059,146	\$8,580,623	\$9,478,523

The aggregate quoted market of Owens-Corning Fiberglas Corporation shares was approximately \$133,723,000 in excess of the investment at the end of the year.

Certain foreign companies previously included in the tabulation above which became significant operating companies in 1966 are consolidated in accordance with the policy stated in Note 1. The company's equity in net assets of these companies at the beginning of the year was approximately \$5,500,000.

#### 5. Loans payable beyond current year:

Term note, 4 <sup>3</sup> / <sub>4</sub> <sup>0</sup> / <sub>0</sub> , due in five equal annual installments,	
January 1968 through 1972	\$50,000,000
Income debentures, 3 <sup>3</sup> / <sub>4</sub> <sup>0</sup> / <sub>0</sub> , due March 1, 2002	8,100,000
Other notes payable	3,158,037
	\$61,258,037

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#### 6. Preferred stock purchases; reduction of stated capital:

Shares purchased—7,351, 1966; 10,560, 1965. Stated capital was reduced by \$200,000 in February, 1967 and February, 1966 by the cancellation of 2,000 reacquired shares of preferred stock in each year to satisfy annual Sinking Fund requirements.

#### 7. Employes' common stock options:

The company has reserved 140,259 shares of unissued common stock for sale to key employes under the Employe Stock Option Plan. At January 1, 1967 options for 70,662 shares were outstanding; 13,800 shares under Restricted options at prices equivalent to 95% of market prices and 56,862 shares under Qualified options at 100% of market prices, both on the respective dates of grant. During the year 1966, Qualified options for 30,700 shares were granted at a price of \$301.75 a share. Restricted options covering 200 shares and Qualified options covering 3,150 shares were cancelled during the year. In 1966 Restricted options for 6,900 shares of common stock were exercised at prices ranging from \$152.00 to \$175.27 a share and Qualified options for 1,541 shares were exercised at prices ranging from \$215.25 to \$230.00 a share; total proceeds of \$1,505,295 were credited to common stock.

#### 8. Lease commitments and guarantees:

Lease commitments are approximately \$2,231,000 annually, including a commitment to the 719 Fifth Avenue Corporation of \$1,163,000 through 1984. Commitment at the owner's option to purchase stock of 719 Fifth Avenue Corporation is approximately \$3,666,000.

## **Opinion of Independent Accountants**

PRICE WATERHOUSE & CO.

60 Broad Street New York, N.Y. 10004 January 20, 1967

To the Directors and Stockholders of Corning Glass Works:

In our opinion, the accompanying balance sheet and the related statement of income and retained earnings present fairly the financial position of Corning Glass Works and consolidated subsidiary companies at January 1, 1967 and the results of their operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year. Our examination of these statements was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Price Saturbause & C.

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	Consolidated Statement of Income			$\Box$
		1966	1965	
With the exception of the amounts per	Net Sales	\$444,139	\$340,471	
share of common stock, all dollar amounts	Dividends, Interest, and Other Income	15,404	12,489	
are expressed in thousands of dollars.	Costs and Expenses:	459,543	352,960	
		204.660	227.040	
	Cost of sales	291,669	237,048	$\boldsymbol{c}$
	Selling, general and administrative expenses	60,172	45,612	
	Interest, state taxes on income and other charges	6,333	2,622	
	U. S. and foreign taxes on income	47,195	28,989	8
, ū		405,369	314,271	
	Net Income	\$ 54,174	\$ 38,689* =====	
	Net Income Per Share of Common Stock		. ,	-
•	(after deducting dividends on preferred stock)	\$7.90	\$5.64*	· ' 🎧 '
	Dividends Per Share of Common Stock	\$3.25	\$2.50	€
	Equity in Undistributed Earnings of Associated and Subsidiary Companies Not Consolidated	\$ 9,479	\$ 8,090	$\Box$
	Per share of common stock	\$1.38	\$1.18	
				:
	· · · · · · · · · · · · · · · · · · ·			
•	Source and Disposition of Funds			<del>_</del>
	Source of Funds:		1	$\Box$
	Net income	\$ 54,174	\$ 38,689	
	Portion of income set aside for depreciation and amortization	21,209	18,233	<u> </u>
	Increase in long-term debt	53,158		c.i
-	Proceeds from common stock issued	1,505	3,794	
	Contribution of and sales of investments (domestic associates)	*	1,301	
	Miscellaneous (net)	4,424	2,660	$\Box$
		134,470	64,677	$\Box$
.*	Disposition of Funds:	-		· [_]
	Dividends:			· I—
	On preferred stock	66	104	
*Exclusive of	On common stock	22,264	17,085	
non-recurring net gain of \$1,279,499	Additions to plant and equipment	73,662	31,475	_
in 1965 and net	Purchase of preferred stock for retirement	678	1,038	
loss of \$2,334,924 in 1960 on	Reduction of long-term debt		200	
contribution and sales, respectively,	Investments in associated and subsidiary companies	(187)	6,707	
of investments in associated		96,483	56,609	
companies.	Increase (or decrease) in working capital	\$ 37,987	\$ 8,068	<u> </u>
				<u></u>
4∩			1	

1964	1963	1962	1961	1960	1959	1958	1957
\$327,612	\$289,217	\$262,200	\$229,569	\$214,871	\$201,370	\$159,138	\$159,070
10,093	10,554	9,593	8,835	10,160	8,071	6,162	5,541
337,705	299,771	271,793	238,404	225,031	209,441	165,300	164,611
					4.		
229,432	199,211	184,100	160,773	158,293	138,128	114,995	116,961
44,525	40,012	35,088	28,972	25,538	25,380	16,791	15,894
1,505	1,708	1,408	1,243	1,119	1,297	750	723
27,221	27,264	23,100	21,490	18,026	20,300	15,600	14,500
302,683	268,195	243,696	212,478	202,976	185,105	148,136	148,078
\$ 35,022	\$ 31,576	\$ 28,097	\$ 25,926	\$ 22,055*	\$ 24,336	\$ 17,164	\$ 16,533
<b>\$</b> 5.12	\$4.62	\$4.11	\$3.79	\$3.23*	<b>\$</b> 3.5 <i>7</i>	\$2.52	\$2.43
\$2.50	\$2.50	\$2.00	\$3.79	\$2.00	\$3.57 \$1.625	\$2.52	\$2. <del>4</del> 3 \$1.50
Ψ2.30	Ψ <u>2</u> .30	\$2.00	\$2.00	\$2.00	ψ1.023	φ1.50	\$1.50
\$ 6,078	\$ 3,605 ·	\$ 4,323	\$ 4,289	\$ 4,338	\$ 5,567	\$ 2,873	\$ 3,141.
\$ .89	\$ .53	\$ .64	\$ .63	\$ .64	\$ .82	\$ .43	\$ .47
							,
						•	
\$ 35,022	\$ 31,576	\$ 28,097	\$ 25,926	\$ 22,055	\$ 24,336	\$ 17,164	\$ 16,533
14,871	13,692	13,055	10,853	9,479	8,428	7,984	7,580
						11,000	
2,284	1,512	688	. 1,273	1,176	2,088	844	1,118
•	•		-	2,386	,		
700	726	(1,037)	235	(708)	572	(544)	112
52,877	47,506	40,803	38,287	34,388	35,424	36,448	25,343
128	165	179	194	201	217	228	231
17,041	17,006	. 13,580	13,560	13,528	10,963	. 10,077	10,053
38,423	16,942	17,970	19,173	26,468	11,061	18,227	15,406
463	969	379	252	147	496	106	58 ,
200	200	200	200	200	200	200	200
1,819	882	1,302	743	295	438	590	3,355
58,074	36,164	33,610	34,122	40,839	23,375	29,428	29,303
\$ (5,197)	\$ 11,342	\$ 7,193	\$ 4,165	\$ (6,451)	\$ 12,049	\$ 7,020	\$ (3,960)
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## **Consolidated Statement of Financial Position**

Expressed in thousands of dollars at fiscal year-end

Current Assets:	1966	1965
Cash, certificates of deposit, and government obligations	\$ 84,852	\$ 43,000
Receivables (net)	50,154	37,330
Inventories	56,493	47,842
Prepaid expenses	1,288	1,076
Total current assets	192,787	129,248
Current Liabilities:		
Payables	21,640	12,556
Accrued U. S. and foreign income taxes	28,701	19,931
Other accrued liabilities	20,570	12,872
Subscription to capital stock of an associated company		
Total current liabilities	70,911	45,359
Working capital	121,876	83,889
Investments in Associated Companies, foreign subsidiary	•	
companies not consolidated and other companies	14,672	19,942
Plant and Equipment, at cost (net)	180,828	127,028
Other Assets and Deferred Charges	5,776	5,250
Other Liabilities and Deferred Credits:	323,152	236,109
Subscription to capital stock of an associated company— noncurrent		
Provision for furnace repairs	5,358	5,603
	61,258	8,100
Loans payable beyond current year	3,860	2,402
Deferred investment credit		16,105
	70,476	
Net Assets	\$252,676 ======	\$220,004
Stockholders' Equity:		
Preferred stock	\$ 1 <i>,</i> 707	\$ 2,442
Common stock (including excess over par value)	51,961	50,398
Retained earnings employed in the business	199,008	167,164
Common stockholders' equity	250,969	217,562
Total Stockholders' Equity	\$252,676	\$220,004
Current earnings retained in the business	\$ 31,845	\$ 21,500
Common shares outstanding at year end (thousands)	6,852	6,844
Number of common and preferred stockholders at last dividend date	14,510	14,494

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1964	1963	1962	1961	1960	1959	1958	1957
\$ 38,352	^\$ 51 <i>,77</i> 1	\$ 40,996	\$ 39,300	\$ 31,408	\$ 45,235	\$ 44,294	\$ 38,201
35,899	28,874	26,044	22,484	20,144	21,436	15,802	11,360
43,354	40,991	35,878	33,396	35,375	28,170	21,150	20,723
524	741	713	639	738	899	1,116	1,070
118,129	122,377	103,631	95,819	87,665	95,740	82,362	71,354
					•		
11,492	10,167	8,530	7,178	7,697	9,373	6,759	5,076
18,859	19,173	15,909	15 <i>,</i> 515	13,194	13,550	12,451	12,403
11,957	12,019	9,516	10,643	8,457	8,048	8,296	7,107
	•		•			2,136	1,068
42,308	41,359	33,955	33,336	29,348	30,971	29,642	25,654
75,821	81,018	69,676	62,483	58,317	64,769	52,720	45,700
13,257	11,438	10,557	9,255	8,512	12,938	12,500	15,132
114,543	91,306	87,352	82,685	74,535	57,617	68,346	55,136
4,637	4,425	4,364	3,639	3,666	1,782	1,443	1,075
208,258	188,187	171,949	158,062	145,030	137,106	135,009	117,043
	•				~	1,068	2,136
4,055	3,944	3,403	3,962	3,924	2,819	3,201	2,564
8,300	8,500	8,700	8,900	9,100	9,300	20,500	9,700
1,435	948		,		•	•	
13,790	13,392	12,103	12,862	13,024	12,119	24,769	14,400
\$194,468	\$174,795	\$159,846	\$145,200	\$132,006	\$124,987	\$110,240	\$102,643
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\$ 3,498	\$ 3,986	\$ 4,999	\$ 5,412	\$ 5,701	\$ 5,873	\$ 6,448	\$ 6,573
46,586	44,277	42,721	41,999	40,688	39,487	37,321	36,458
144,384	126,532	112,126	97,789	85,617	79,627	66,471	59,612
190,970	170,809	154,847	139,788	126,305	119,114	103,792	96,070
\$194,468	\$174,795	\$159,846	\$145,200	\$132,006	\$124,987	\$110,240	\$102,643
\$ 17,853	\$ 14,405	\$ 14,338	\$ 12,172	\$ 8,326	\$ 13,156	\$ 6,859	\$ 6,249
6,821	6,806	6,792	6,786	6,770	6,755	6,722	6,707
14,669	13,976	14,402	14,694	13,665	12,845	12,172	11,922

